

# IZAR PULSE H (PHASED OUT)

**ELECTRONIC ACCESSORY |  
TRANSMITTER**



## **APPLICATION**

The pulse transmitter IZAR PULSE H is at the core of the modular concept of the IZAR radio family. It can be clipped onto all the meters of the modular range "Hall" (blue ring) in a few seconds to turn them into communicating meters.

The IZAR PULSE H uses a Hall sensor and allows to determine the flow volume in both directions.

IZAR PULSE H offers a number of alarms against magnetic tampering, unauthorised unclipping of module and cable cut off.

IZAR PULSE H is powered by a lithium cell and can be connected to remote reading system.

## **FEATURES**

- Compatible with modularity Hall
- Versions 3 and 4 wires
- Management of direction flow
- Tampering alarms
- Open collector output
- Up to 15 years lifetime

**PRINCIPLE**

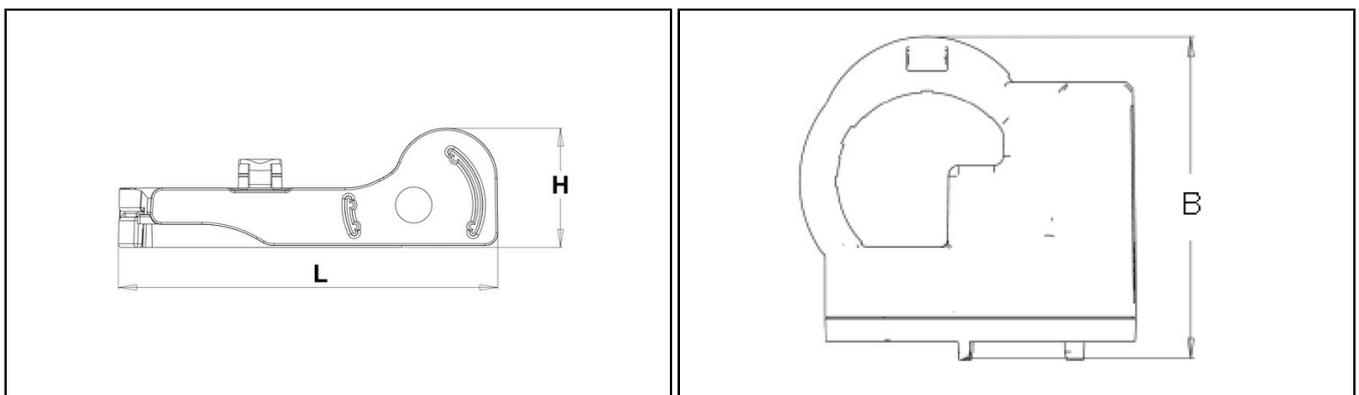
<b>IZAR PULSE H</b>	
Sensor	Hall principle
Physics	Revolving magnetic field detection
Type	NPN, open collector transistor

**SPECIFICATIONS**

<b>IZAR PULSE H</b>	
Number of wires	3 / 4
Cable length	m 1.5 / 5
Power supply	Lithium cell
Electric parameters : Max. output voltage	V 30
Electric parameters : Max. output current	0.5 µA (open status) / 100mA (closed status)
Max. frequency	Hz 8
GND	brown wire [-]
Pulse	white wire [+]
Tampering	green wire [+]
Flow direction 3 wires	Takes account of backflows, with up to 500 pulses per return
Flow direction 4 wires	yellow wire [+]
Electromagnetic compatibility	Complies with the European Directive relating to electromagnetic compatibility (cable length up to 5 metres)
Pulse weight : 1 liter *	mm DN15 ... DN40
Pulse weight : 10 liters *	mm DN50 ... DN100
Operating temperature	°C -15 ... +55
Protection class	IP 68

\*others values on request

**DIMENSIONS**



<b>IZAR PULSE H</b>			
Length	L	mm	100
Width	B	mm	100
Height	H	mm	33

## **Economic Actor Information**

Applicable regulation and legal obligations for products may change.

DIEHL METERING monitors applicable regulation to ensure their products comply at the date of placing on the market.

Each economic actor making products available on the market thereafter must independently keep informed about the current applicable regulation.

For questions, please contact: [metering-germany-info@diehl.com](mailto:metering-germany-info@diehl.com)

Diehl Metering GesmbH  
Hainburger Straße 33  
A-1030 Vienna  
Austria  
Phone: +43 (0)1 716 70-0  
Fax: +43 (0)1 716 70-12  
[metering-austria-info@diehl.com](mailto:metering-austria-info@diehl.com)  
[www.diehl.com/metering](http://www.diehl.com/metering)

**EMPOWER A  
SUSTAINABLE  
FUTURE**